

Rev. 12/09/04

FEE TRANSMITTAL For FY 2005 <small>Patent fees are subject to annual revision</small>		Complete if Known Application Number: 09/995,304 Filing Date: 11/27/2001 First Named Inventor: Robert H. Kraus Examiner Name: Do, Pensee T. Group/Art Unit: 1641 Attorney Docket No.: S-94,769																																																																																																																																																																																																																																																																																																																		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT: \$225		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																																																		
METHOD OF PAYMENT (check all that apply)																																																																																																																																																																																																																																																																																																																				
1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 12-2150 Deposit Account Name: Los Alamos National Laboratory <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>\$130 \$65 Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>2052</td> <td>\$50 \$25 Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>\$1812 \$2520 For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1251</td> <td>2251</td> <td>\$120 \$60 Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>2252</td> <td>\$450 \$225 Extension for reply within second month</td> <td>225</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>\$1020 \$510 Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>2254</td> <td>\$1590 \$795 Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2255</td> <td>\$2160 \$1080 Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>2401</td> <td>\$500 \$250 Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>2402</td> <td>\$500 \$250 Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>2403</td> <td>\$1000 \$500 Request for oral hearing</td> <td></td> </tr> <tr> <td>1452</td> <td>2452</td> <td>\$500 \$250 Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1814</td> <td>2814</td> <td>\$110 \$55 Terminal Disclaimer</td> <td></td> </tr> <tr> <td>1453</td> <td>2453</td> <td>\$1500 \$750 Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1460</td> <td>2460</td> <td>\$130 \$130 Petitions to the Director</td> <td></td> </tr> <tr> <td>1806</td> <td>2806</td> <td>\$180 \$180 Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>1809</td> <td>2809</td> <td>\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>1810</td> <td>2810</td> <td>\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1811</td> <td>2811</td> <td>\$100 \$100 Certificate of Correction</td> <td></td> </tr> <tr> <td>1504</td> <td>2504</td> <td>\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee</td> <td></td> </tr> <tr> <td>1801</td> <td>2801</td> <td>\$790 \$395 Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">Other fee (specify) _____</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL (1) \$0</td> </tr> <tr> <td colspan="2"> 1. COMBINED FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>\$300 \$150 Basic Filing fee</td> <td>\$0</td> </tr> <tr> <td>1004</td> <td>2004</td> <td>\$300 \$150 Reissue Filing fee</td> <td>\$</td> </tr> <tr> <td>1111</td> <td>2111</td> <td>\$500 \$250 Search Fee</td> <td>\$0</td> </tr> <tr> <td>1311</td> <td>2311</td> <td>\$200 \$100 Examination Fee</td> <td>\$0</td> </tr> <tr> <td>1005</td> <td>2005</td> <td>\$200 \$100 Provisional Filing Fee</td> <td></td> </tr> <tr> <td>1085</td> <td>2085</td> <td>\$250 \$125 Provisional Size Fee</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">(for each additional 50 sheets that exceeds 100 sheets)</td> </tr> </tbody> </table> </td> <td colspan="2" style="text-align: center;"> 3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>\$130 \$65 Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>2052</td> <td>\$50 \$25 Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>\$1812 \$2520 For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1251</td> <td>2251</td> <td>\$120 \$60 Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>2252</td> <td>\$450 \$225 Extension for reply within second month</td> <td>225</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>\$1020 \$510 Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>2254</td> <td>\$1590 \$795 Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2255</td> <td>\$2160 \$1080 Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>2401</td> <td>\$500 \$250 Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>2402</td> <td>\$500 \$250 Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>2403</td> <td>\$1000 \$500 Request for oral hearing</td> <td></td> </tr> <tr> <td>1452</td> <td>2452</td> <td>\$500 \$250 Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1814</td> <td>2814</td> <td>\$110 \$55 Terminal Disclaimer</td> <td></td> </tr> <tr> <td>1453</td> <td>2453</td> <td>\$1500 \$750 Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1460</td> <td>2460</td> <td>\$130 \$130 Petitions to the Director</td> <td></td> </tr> <tr> <td>1806</td> <td>2806</td> <td>\$180 \$180 Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>1809</td> <td>2809</td> <td>\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>1810</td> <td>2810</td> <td>\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1811</td> <td>2811</td> <td>\$100 \$100 Certificate of Correction</td> <td></td> </tr> <tr> <td>1504</td> <td>2504</td> <td>\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee</td> <td></td> </tr> <tr> <td>1801</td> <td>2801</td> <td>\$790 \$395 Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">Other fee (specify) _____</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL (1) \$0</td> </tr> </tbody></table></td> </tr> <tr> <td colspan="2"> 2. EXTRA CLAIM FEES/APPLICATION SIZE FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Total Claims</th> <th style="text-align: left; width: 30%;">-20** =</th> <th style="text-align: left; width: 30%;">X =</th> <th style="text-align: right; width: 10%;">Fee from Fee Paid</th> </tr> <tr> <th>Claims</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-3 ** =</td> <td>X =</td> <td>\$</td> </tr> <tr> <td>Claims</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td>X 180</td> <td>=</td> <td>\$</td> </tr> </tbody> </table> </td> <td colspan="2" style="text-align: center;"> 3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>\$50 \$25 Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>2201</td> <td>\$200 \$100 Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>2203</td> <td>\$360 \$180 Multiple dependent claim, if not paid.</td> <td></td> </tr> <tr> <td>1204</td> <td>2204</td> <td>\$88 \$44 ** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>2205</td> <td>\$18 \$9 ** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table> </td> </tr> <tr> <td colspan="2"> APPLICATION SIZE FEE 1081 \$250 2081 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings </td> <td colspan="2" style="text-align: center;"> SUBTOTAL (2) \$0 (Include total of Claims Fees and Size Fee here) </td> <td style="text-align: center;">\$225</td> </tr> <tr> <td colspan="4" style="text-align: center;"> SUBMITTED BY Printed Name: Robert P. Santandrea Signature:  </td> <td style="text-align: center;">Complete if applicable</td> </tr> <tr> <td style="text-align: center;">Reg. No. 45,072</td> </tr> <tr> <td style="text-align: center;">Date: 3/30/05</td> </tr> <tr> <td style="text-align: center;">Telephone (505) 667-3766</td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description		1051	2051	\$130 \$65 Surcharge - late filing fee or oath		1052	2052	\$50 \$25 Surcharge - late provisional filing fee or cover sheet		1812	2520	\$1812 \$2520 For filing a request for reexamination		1251	2251	\$120 \$60 Extension for reply within first month		1252	2252	\$450 \$225 Extension for reply within second month	225	1253	2253	\$1020 \$510 Extension for reply within third month		1254	2254	\$1590 \$795 Extension for reply within fourth month		1255	2255	\$2160 \$1080 Extension for reply within fifth month		1401	2401	\$500 \$250 Notice of Appeal		1402	2402	\$500 \$250 Filing a brief in support of an appeal		1403	2403	\$1000 \$500 Request for oral hearing		1452	2452	\$500 \$250 Petition to revive - unavoidable		1814	2814	\$110 \$55 Terminal Disclaimer		1453	2453	\$1500 \$750 Petition to revive - unintentional		1460	2460	\$130 \$130 Petitions to the Director		1806	2806	\$180 \$180 Submission of Information Disclosure Statement		1809	2809	\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))		1810	2810	\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))		1811	2811	\$100 \$100 Certificate of Correction		1504	2504	\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee		1801	2801	\$790 \$395 Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1) \$0				1. COMBINED FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>\$300 \$150 Basic Filing fee</td> <td>\$0</td> </tr> <tr> <td>1004</td> <td>2004</td> <td>\$300 \$150 Reissue Filing fee</td> <td>\$</td> </tr> <tr> <td>1111</td> <td>2111</td> <td>\$500 \$250 Search Fee</td> <td>\$0</td> </tr> <tr> <td>1311</td> <td>2311</td> <td>\$200 \$100 Examination Fee</td> <td>\$0</td> </tr> <tr> <td>1005</td> <td>2005</td> <td>\$200 \$100 Provisional Filing Fee</td> <td></td> </tr> <tr> <td>1085</td> <td>2085</td> <td>\$250 \$125 Provisional Size Fee</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">(for each additional 50 sheets that exceeds 100 sheets)</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee	Fee	Fee Description	Fee Paid	1001	2001	\$300 \$150 Basic Filing fee	\$0	1004	2004	\$300 \$150 Reissue Filing fee	\$	1111	2111	\$500 \$250 Search Fee	\$0	1311	2311	\$200 \$100 Examination Fee	\$0	1005	2005	\$200 \$100 Provisional Filing Fee		1085	2085	\$250 \$125 Provisional Size Fee		(for each additional 50 sheets that exceeds 100 sheets)				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>\$130 \$65 Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>2052</td> <td>\$50 \$25 Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>\$1812 \$2520 For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1251</td> <td>2251</td> <td>\$120 \$60 Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>2252</td> <td>\$450 \$225 Extension for reply within second month</td> <td>225</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>\$1020 \$510 Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>2254</td> <td>\$1590 \$795 Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2255</td> <td>\$2160 \$1080 Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>2401</td> <td>\$500 \$250 Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>2402</td> <td>\$500 \$250 Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>2403</td> <td>\$1000 \$500 Request for oral hearing</td> <td></td> </tr> <tr> <td>1452</td> <td>2452</td> <td>\$500 \$250 Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1814</td> <td>2814</td> <td>\$110 \$55 Terminal Disclaimer</td> <td></td> </tr> <tr> <td>1453</td> <td>2453</td> <td>\$1500 \$750 Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1460</td> <td>2460</td> <td>\$130 \$130 Petitions to the Director</td> <td></td> </tr> <tr> <td>1806</td> <td>2806</td> <td>\$180 \$180 Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>1809</td> <td>2809</td> <td>\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>1810</td> <td>2810</td> <td>\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1811</td> <td>2811</td> <td>\$100 \$100 Certificate of Correction</td> <td></td> </tr> <tr> <td>1504</td> <td>2504</td> <td>\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee</td> <td></td> </tr> <tr> <td>1801</td> <td>2801</td> <td>\$790 \$395 Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">Other fee (specify) _____</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL (1) \$0</td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	1051	2051	\$130 \$65 Surcharge - late filing fee or oath		1052	2052	\$50 \$25 Surcharge - late provisional filing fee or cover sheet		1812	2520	\$1812 \$2520 For filing a request for reexamination		1251	2251	\$120 \$60 Extension for reply within first month		1252	2252	\$450 \$225 Extension for reply within second month	225	1253	2253	\$1020 \$510 Extension for reply within third month		1254	2254	\$1590 \$795 Extension for reply within fourth month		1255	2255	\$2160 \$1080 Extension for reply within fifth month		1401	2401	\$500 \$250 Notice of Appeal		1402	2402	\$500 \$250 Filing a brief in support of an appeal		1403	2403	\$1000 \$500 Request for oral hearing		1452	2452	\$500 \$250 Petition to revive - unavoidable		1814	2814	\$110 \$55 Terminal Disclaimer		1453	2453	\$1500 \$750 Petition to revive - unintentional		1460	2460	\$130 \$130 Petitions to the Director		1806	2806	\$180 \$180 Submission of Information Disclosure Statement		1809	2809	\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))		1810	2810	\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))		1811	2811	\$100 \$100 Certificate of Correction		1504	2504	\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee		1801	2801	\$790 \$395 Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1) \$0				2. EXTRA CLAIM FEES/APPLICATION SIZE FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Total Claims</th> <th style="text-align: left; width: 30%;">-20** =</th> <th style="text-align: left; width: 30%;">X =</th> <th style="text-align: right; width: 10%;">Fee from Fee Paid</th> </tr> <tr> <th>Claims</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-3 ** =</td> <td>X =</td> <td>\$</td> </tr> <tr> <td>Claims</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td>X 180</td> <td>=</td> <td>\$</td> </tr> </tbody> </table>		Total Claims	-20** =	X =	Fee from Fee Paid	Claims				Independent	-3 ** =	X =	\$	Claims				Multiple Dependent	X 180	=	\$	3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>\$50 \$25 Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>2201</td> <td>\$200 \$100 Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>2203</td> <td>\$360 \$180 Multiple dependent claim, if not paid.</td> <td></td> </tr> <tr> <td>1204</td> <td>2204</td> <td>\$88 \$44 ** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>2205</td> <td>\$18 \$9 ** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee	Fee	Fee Description	Fee Paid	1202	2202	\$50 \$25 Claims in excess of 20		1201	2201	\$200 \$100 Independent claims in excess of 3		1203	2203	\$360 \$180 Multiple dependent claim, if not paid.		1204	2204	\$88 \$44 ** Reissue independent claims over original patent		1205	2205	\$18 \$9 ** Reissue claims in excess of 20 and over original patent		APPLICATION SIZE FEE 1081 \$250 2081 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings		SUBTOTAL (2) \$0 (Include total of Claims Fees and Size Fee here)		\$225	SUBMITTED BY Printed Name: Robert P. Santandrea Signature: 				Complete if applicable	Reg. No. 45,072	Date: 3/30/05	Telephone (505) 667-3766
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
Fee Code (\$)	Fee Code (\$)	Fee Description																																																																																																																																																																																																																																																																																																																		
1051	2051	\$130 \$65 Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																																																		
1052	2052	\$50 \$25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																																																		
1812	2520	\$1812 \$2520 For filing a request for reexamination																																																																																																																																																																																																																																																																																																																		
1251	2251	\$120 \$60 Extension for reply within first month																																																																																																																																																																																																																																																																																																																		
1252	2252	\$450 \$225 Extension for reply within second month	225																																																																																																																																																																																																																																																																																																																	
1253	2253	\$1020 \$510 Extension for reply within third month																																																																																																																																																																																																																																																																																																																		
1254	2254	\$1590 \$795 Extension for reply within fourth month																																																																																																																																																																																																																																																																																																																		
1255	2255	\$2160 \$1080 Extension for reply within fifth month																																																																																																																																																																																																																																																																																																																		
1401	2401	\$500 \$250 Notice of Appeal																																																																																																																																																																																																																																																																																																																		
1402	2402	\$500 \$250 Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																																		
1403	2403	\$1000 \$500 Request for oral hearing																																																																																																																																																																																																																																																																																																																		
1452	2452	\$500 \$250 Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																																		
1814	2814	\$110 \$55 Terminal Disclaimer																																																																																																																																																																																																																																																																																																																		
1453	2453	\$1500 \$750 Petition to revive - unintentional																																																																																																																																																																																																																																																																																																																		
1460	2460	\$130 \$130 Petitions to the Director																																																																																																																																																																																																																																																																																																																		
1806	2806	\$180 \$180 Submission of Information Disclosure Statement																																																																																																																																																																																																																																																																																																																		
1809	2809	\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))																																																																																																																																																																																																																																																																																																																		
1810	2810	\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																																		
1811	2811	\$100 \$100 Certificate of Correction																																																																																																																																																																																																																																																																																																																		
1504	2504	\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee																																																																																																																																																																																																																																																																																																																		
1801	2801	\$790 \$395 Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																				
SUBTOTAL (1) \$0																																																																																																																																																																																																																																																																																																																				
1. COMBINED FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>\$300 \$150 Basic Filing fee</td> <td>\$0</td> </tr> <tr> <td>1004</td> <td>2004</td> <td>\$300 \$150 Reissue Filing fee</td> <td>\$</td> </tr> <tr> <td>1111</td> <td>2111</td> <td>\$500 \$250 Search Fee</td> <td>\$0</td> </tr> <tr> <td>1311</td> <td>2311</td> <td>\$200 \$100 Examination Fee</td> <td>\$0</td> </tr> <tr> <td>1005</td> <td>2005</td> <td>\$200 \$100 Provisional Filing Fee</td> <td></td> </tr> <tr> <td>1085</td> <td>2085</td> <td>\$250 \$125 Provisional Size Fee</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">(for each additional 50 sheets that exceeds 100 sheets)</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee	Fee	Fee Description	Fee Paid	1001	2001	\$300 \$150 Basic Filing fee	\$0	1004	2004	\$300 \$150 Reissue Filing fee	\$	1111	2111	\$500 \$250 Search Fee	\$0	1311	2311	\$200 \$100 Examination Fee	\$0	1005	2005	\$200 \$100 Provisional Filing Fee		1085	2085	\$250 \$125 Provisional Size Fee		(for each additional 50 sheets that exceeds 100 sheets)				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>\$130 \$65 Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>2052</td> <td>\$50 \$25 Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1812</td> <td>2520</td> <td>\$1812 \$2520 For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1251</td> <td>2251</td> <td>\$120 \$60 Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>2252</td> <td>\$450 \$225 Extension for reply within second month</td> <td>225</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>\$1020 \$510 Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>2254</td> <td>\$1590 \$795 Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2255</td> <td>\$2160 \$1080 Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>2401</td> <td>\$500 \$250 Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>2402</td> <td>\$500 \$250 Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>2403</td> <td>\$1000 \$500 Request for oral hearing</td> <td></td> </tr> <tr> <td>1452</td> <td>2452</td> <td>\$500 \$250 Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1814</td> <td>2814</td> <td>\$110 \$55 Terminal Disclaimer</td> <td></td> </tr> <tr> <td>1453</td> <td>2453</td> <td>\$1500 \$750 Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1460</td> <td>2460</td> <td>\$130 \$130 Petitions to the Director</td> <td></td> </tr> <tr> <td>1806</td> <td>2806</td> <td>\$180 \$180 Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>1809</td> <td>2809</td> <td>\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>1810</td> <td>2810</td> <td>\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>1811</td> <td>2811</td> <td>\$100 \$100 Certificate of Correction</td> <td></td> </tr> <tr> <td>1504</td> <td>2504</td> <td>\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee</td> <td></td> </tr> <tr> <td>1801</td> <td>2801</td> <td>\$790 \$395 Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">Other fee (specify) _____</td> </tr> <tr> <td colspan="4" style="text-align: center;">SUBTOTAL (1) \$0</td> </tr> </tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	1051	2051	\$130 \$65 Surcharge - late filing fee or oath		1052	2052	\$50 \$25 Surcharge - late provisional filing fee or cover sheet		1812	2520	\$1812 \$2520 For filing a request for reexamination		1251	2251	\$120 \$60 Extension for reply within first month		1252	2252	\$450 \$225 Extension for reply within second month	225	1253	2253	\$1020 \$510 Extension for reply within third month		1254	2254	\$1590 \$795 Extension for reply within fourth month		1255	2255	\$2160 \$1080 Extension for reply within fifth month		1401	2401	\$500 \$250 Notice of Appeal		1402	2402	\$500 \$250 Filing a brief in support of an appeal		1403	2403	\$1000 \$500 Request for oral hearing		1452	2452	\$500 \$250 Petition to revive - unavoidable		1814	2814	\$110 \$55 Terminal Disclaimer		1453	2453	\$1500 \$750 Petition to revive - unintentional		1460	2460	\$130 \$130 Petitions to the Director		1806	2806	\$180 \$180 Submission of Information Disclosure Statement		1809	2809	\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))		1810	2810	\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))		1811	2811	\$100 \$100 Certificate of Correction		1504	2504	\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee		1801	2801	\$790 \$395 Request for Continued Examination (RCE)		Other fee (specify) _____				SUBTOTAL (1) \$0																																																																																																																																																																												
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
Fee	Fee	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
1001	2001	\$300 \$150 Basic Filing fee	\$0																																																																																																																																																																																																																																																																																																																	
1004	2004	\$300 \$150 Reissue Filing fee	\$																																																																																																																																																																																																																																																																																																																	
1111	2111	\$500 \$250 Search Fee	\$0																																																																																																																																																																																																																																																																																																																	
1311	2311	\$200 \$100 Examination Fee	\$0																																																																																																																																																																																																																																																																																																																	
1005	2005	\$200 \$100 Provisional Filing Fee																																																																																																																																																																																																																																																																																																																		
1085	2085	\$250 \$125 Provisional Size Fee																																																																																																																																																																																																																																																																																																																		
(for each additional 50 sheets that exceeds 100 sheets)																																																																																																																																																																																																																																																																																																																				
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
1051	2051	\$130 \$65 Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																																																		
1052	2052	\$50 \$25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																																																		
1812	2520	\$1812 \$2520 For filing a request for reexamination																																																																																																																																																																																																																																																																																																																		
1251	2251	\$120 \$60 Extension for reply within first month																																																																																																																																																																																																																																																																																																																		
1252	2252	\$450 \$225 Extension for reply within second month	225																																																																																																																																																																																																																																																																																																																	
1253	2253	\$1020 \$510 Extension for reply within third month																																																																																																																																																																																																																																																																																																																		
1254	2254	\$1590 \$795 Extension for reply within fourth month																																																																																																																																																																																																																																																																																																																		
1255	2255	\$2160 \$1080 Extension for reply within fifth month																																																																																																																																																																																																																																																																																																																		
1401	2401	\$500 \$250 Notice of Appeal																																																																																																																																																																																																																																																																																																																		
1402	2402	\$500 \$250 Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																																		
1403	2403	\$1000 \$500 Request for oral hearing																																																																																																																																																																																																																																																																																																																		
1452	2452	\$500 \$250 Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																																		
1814	2814	\$110 \$55 Terminal Disclaimer																																																																																																																																																																																																																																																																																																																		
1453	2453	\$1500 \$750 Petition to revive - unintentional																																																																																																																																																																																																																																																																																																																		
1460	2460	\$130 \$130 Petitions to the Director																																																																																																																																																																																																																																																																																																																		
1806	2806	\$180 \$180 Submission of Information Disclosure Statement																																																																																																																																																																																																																																																																																																																		
1809	2809	\$780 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))																																																																																																																																																																																																																																																																																																																		
1810	2810	\$790 \$395 For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																																																		
1811	2811	\$100 \$100 Certificate of Correction																																																																																																																																																																																																																																																																																																																		
1504	2504	\$300 \$300 Publication fee for early, voluntary, or normal publication/Republication fee																																																																																																																																																																																																																																																																																																																		
1801	2801	\$790 \$395 Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																				
SUBTOTAL (1) \$0																																																																																																																																																																																																																																																																																																																				
2. EXTRA CLAIM FEES/APPLICATION SIZE FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Total Claims</th> <th style="text-align: left; width: 30%;">-20** =</th> <th style="text-align: left; width: 30%;">X =</th> <th style="text-align: right; width: 10%;">Fee from Fee Paid</th> </tr> <tr> <th>Claims</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Independent</td> <td>-3 ** =</td> <td>X =</td> <td>\$</td> </tr> <tr> <td>Claims</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td>X 180</td> <td>=</td> <td>\$</td> </tr> </tbody> </table>		Total Claims	-20** =	X =	Fee from Fee Paid	Claims				Independent	-3 ** =	X =	\$	Claims				Multiple Dependent	X 180	=	\$	3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">Large Entity</th> <th style="text-align: left; width: 30%;">Small Entity</th> <th style="text-align: left; width: 40%;">Fee Description</th> <th style="text-align: right; width: 10%;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>\$50 \$25 Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>2201</td> <td>\$200 \$100 Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>2203</td> <td>\$360 \$180 Multiple dependent claim, if not paid.</td> <td></td> </tr> <tr> <td>1204</td> <td>2204</td> <td>\$88 \$44 ** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>2205</td> <td>\$18 \$9 ** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee	Fee	Fee Description	Fee Paid	1202	2202	\$50 \$25 Claims in excess of 20		1201	2201	\$200 \$100 Independent claims in excess of 3		1203	2203	\$360 \$180 Multiple dependent claim, if not paid.		1204	2204	\$88 \$44 ** Reissue independent claims over original patent		1205	2205	\$18 \$9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																		
Total Claims	-20** =	X =	Fee from Fee Paid																																																																																																																																																																																																																																																																																																																	
Claims																																																																																																																																																																																																																																																																																																																				
Independent	-3 ** =	X =	\$																																																																																																																																																																																																																																																																																																																	
Claims																																																																																																																																																																																																																																																																																																																				
Multiple Dependent	X 180	=	\$																																																																																																																																																																																																																																																																																																																	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
Fee	Fee	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																																																	
1202	2202	\$50 \$25 Claims in excess of 20																																																																																																																																																																																																																																																																																																																		
1201	2201	\$200 \$100 Independent claims in excess of 3																																																																																																																																																																																																																																																																																																																		
1203	2203	\$360 \$180 Multiple dependent claim, if not paid.																																																																																																																																																																																																																																																																																																																		
1204	2204	\$88 \$44 ** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																																		
1205	2205	\$18 \$9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																																		
APPLICATION SIZE FEE 1081 \$250 2081 \$125.00 For each additional 50 sheets that exceed 100 sheets, including specification and drawings		SUBTOTAL (2) \$0 (Include total of Claims Fees and Size Fee here)		\$225																																																																																																																																																																																																																																																																																																																
SUBMITTED BY Printed Name: Robert P. Santandrea Signature: 				Complete if applicable																																																																																																																																																																																																																																																																																																																
Reg. No. 45,072																																																																																																																																																																																																																																																																																																																				
Date: 3/30/05																																																																																																																																																																																																																																																																																																																				
Telephone (505) 667-3766																																																																																																																																																																																																																																																																																																																				

RECEIVED
CENTRAL FAX CENTER

Rev. 06/04/04

MAR 30 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Robert H. Kraus

Docket No.: S-94,769

Serial No.: 09/995,304

Examiner: Do, Pensee T.

Filed : November 27, 2001

Art Unit: 1641

For : BIOASSAY AND BIOMOLECULAR IDENTIFICATION, SORTING, AND
COLLECTION METHODS USING MAGNETIC MICROSPPHERES

Customer No. 35068

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT/RESPONSE

Sir:

In response to the Office Action dated October 6, 2004, please enter the following amendments to the Specification and Claims, and consider the accompanying remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper; and

Remarks/Arguments begin on page 13 of this paper.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service
on the date shown below with sufficient postage
as first class mail in an envelope addressed to the:
Commissioner for Patents, PO Box 1450,
Alexandria, VA 22313-1450.

FACSIMILE

transmitted by facsimile to the
United States Patent and Trademark Office


Signature

Date March 30, 2005

Robert P. Santandrea
(type or print name of person certifying)